

SEQUENCE LISTING



<110> Davis, Paul J
Parry, Neil J

<120> Detergent Compositions Comprising Benefit Agents

<130> D/N Y2-0080-A-UNI

<140> US 09/998,660

<141> 2001-11-29

<150> EP99310428

<151> 1999-12-22

<160> 2

<170> PatentIn version 3.3

<210> 1

<211> 558

<212> DNA

<213> Trichoderma reesei

<220>

<221> CDS

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| Glu Lys Arg Gln Val Gln Leu Gln Glu Ser Gly Gly Gly Leu Val | |
| 1 5 10 15 | |
| cag gct ggg ggc tct ctg aga ctc tcc tgt gca gcc tcg gga cgc gcc | 95 |
| Gln Ala Gly Gly Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Arg Ala | |
| 20 25 30 | |
| acc agt ggt cat ggt cac tat ggt atg ggc tgg ttc cgc cag gtt cca | 143 |
| Thr Ser Gly His Gly His Tyr Gly Met Gly Trp Phe Arg Gln Val Pro | |
| 35 40 45 | |
| ggg aag gag cgt gag ttt gtc gca gct att agg tgg agt ggt aaa gag | 191 |
| Gly Lys Glu Arg Glu Phe Val Ala Ala Ile Arg Trp Ser Gly Lys Glu | |
| 50 55 60 | |
| aca tgg tat aaa gac tcc gtg aag ggc cga ttc acc atc tcc aga gat | 239 |
| Thr Trp Tyr Lys Asp Ser Val Lys Gly Arg Phe Thr Ile Ser Arg Asp | |
| 65 70 75 | |
| aac gcc aag act acg gtt tat ctg caa atg aac agc ctg aaa cct gaa | 287 |
| Asn Ala Lys Thr Thr Val Tyr Leu Gln Met Asn Ser Leu Lys Pro Glu | |
| 80 85 90 95 | |
| gat acg gcc gtt tat tat tgt gcc gct cga ccg gtc cgc gtg gat gat | 335 |
| Asp Thr Ala Val Tyr Tyr Cys Ala Ala Arg Pro Val Arg Val Asp Asp | |
| 100 105 110 | |

att tcc ctg ccg gtt ggg ttt gac,tac tgg ggc cag ggg acc cag gtc 383
 Ile Ser Leu Pro Val Gly Phe Asp Tyr Trp Gly Gln Gly Thr Gln Val
 115 120 125

acc gtc tcc tca gga tct cat cac cat cac cat cac gga tcc acc tcc 431
 Thr Val Ser Ser Gly Ser His His His His His His Gly Ser Thr Ser
 130 135 140

att gaa ggt cgt acc cag tct cac tac ggt cag tgt ggt ggt att ggt 479
 Ile Glu Gly Arg Thr Gln Ser His Tyr Gly Gln Cys Gly Gly Ile Gly
 145 150 155

tac tcc ggt cca acc gtc tgt gcc tct ggt acc acc tgt cag gtt ctg 527
 Tyr Ser Gly Pro Thr Val Cys Ala Ser Gly Thr Thr Cys Gln Val Leu
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aac cct tac tac tcc cag tgt ctg taataag 558
 Asn Pro Tyr Tyr Ser Gln Cys Leu
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Glu Lys Arg Gln Val Gln Leu Gln Glu Ser Gly Gly Gly Leu Val Gln
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Ala Gly Gly Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Arg Ala Thr
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Ser Gly His Gly His Tyr Gly Met Gly Trp Phe Arg Gln Val Pro Gly
 35 40 45

Lys Glu Arg Glu Phe Val Ala Ala Ile Arg Trp Ser Gly Lys Glu Thr
 50 55 60

Trp Tyr Lys Asp Ser Val Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn
 65 70 75 80

Ala Lys Thr Thr Val Tyr Leu Gln Met Asn Ser Leu Lys Pro Glu Asp
 85 90 95

Thr Ala Val Tyr Tyr Cys Ala Ala Arg Pro Val Arg Val Asp Asp Ile
 100 105 110

Ser Leu Pro Val Gly Phe Asp Tyr Trp Gly Gln Gly Thr Gln Val Thr
115 120 125

Val Ser Ser Gly Ser His His His His His His Gly Ser Thr Ser Ile
130 135 140

Glu Gly Arg Thr Gln Ser His Tyr Gly Gln Cys Gly Gly Ile Gly Tyr
145 150 155 160

Ser Gly Pro Thr Val Cys Ala Ser Gly Thr Thr Cys Gln Val Leu Asn
165 170 175

Pro Tyr Tyr Ser Gln Cys Leu
180